

SPRING SHIRTS
All New Patterns
\$1.49
D. J. Kaufman
1005-7 Pa. Ave. 616 17th St.

Make Your Own Radiophone
Complete book of instructions with diagrams showing how to make your own—price 50¢ postpaid. Do it now. Don't delay.
H. A. OLMSTEAD, P. O. Box 406, Washington, D. C.

CLOTHING ON CREDIT
H. ABRAMSON
7th & L Streets N. W.

LADIES AND CHILDREN'S PANAMA HATS
Cleaned, Bleached and Blocked by Experts
Vienna Hat Factory
435 11th St. N. W.

\$5.00
SUNDAY EXCURSION NEW YORK
SUNDAY, APRIL 2
SPECIAL THROUGH TRAIN
Direct to Penna. Sta., 7th Ave. and 3rd St.
Leaves Washington Saturday Midnight, 12:45 a. m., arrives Penna. Sta. in the heart of New York City, 8:30 a. m.
Returning leaves New York 5:30 p. m.
Similar excursion Sunday, April 30.
Tickets on sale beginning Friday preceding date of excursion.
Pennsylvania System
The Route of the Broadway Limited

LOANS
HORNING
Diamonds, Watches, Jewelry
South End of Highway Bridge

S. S. S. Fills Out Hollow Cheeks, Thin Limbs!

Men and women, whether you will ever build yourself up to your normal, just-right weight depends on the number of blood-cells in your blood. That's all there is to it. It's a scientific fact. If your blood-cell factory isn't working right, you will be run-down, thin, your blood will be in disorder, and perhaps your face will be broken out with pimples, blackheads and eruptions. S. S. S. keeps your blood-cell factory working full time. It helps build new blood-cells. That's why S. S. S. builds up thin, run-down people, it puts firm flesh on your bones, it rounds out your face, arms, neck, limbs, the whole body. It puts the "pink" in your cheeks. It takes the hollows from the eyes, and it fools Father Time by smoothing out wrinkles in men and women by "plumping" them up. S. S. S. is a remarkable blood-purifier. While you are getting plump, your skin eruptions, pimples, blackheads, acne, rheumatism, rash, itchy, and all other skin troubles, are being removed. The medicinal ingredients of S. S. S. are guaranteed purely vegetable. S. S. S. is sold at all drug stores, in two sizes. The larger size is the more economical.


Cuticura Talcum Is So Refreshing
A few grains of this exquisitely scented powder dusted on the skin soothes and cools, and overcomes heavy perspiration. It is an ideal face, skin, baby and dusting powder and takes the place of other perfumes for the skin.
Cuticura Soap and Talcum are sold everywhere. Cuticura Soap is sold in two sizes. Cuticura Talcum is sold in one size.

READ HERALD ADS

Walk-Over SHOES
Exclusively For Men
Can Now Be Had At Our New Shop
929 Pa. Ave. N. W.
Our Other Store For Men and Women
929 F St. N. W.

A FLOWER FREE!
Saturday's "Rosemary" Day
A TWO-POUND "GIFT" BOX OF ROSEMARY CANDIES \$1.50
It's only right to associate Beautiful Flowers with the Daintiest Candies.
Another Attraction—Specially Made Bon 50c
Bon Grapes, lb.
Blackstone Superiority for Flowers and Rosemary Candies is always conceded.
Blackstone
1403 H St. Next the Flower Store

Avoid Collisions by using a "STOP-LIGHT"
\$5.00 INSTALLED
City Auto Supply Co.
526 H St. N. E. Lincoln 4992


The Herald News RADIO Views
This department of The Herald appears every day. On Sunday the department occupies a page. Conducted in co-operation with the Radio Club of this district. The Herald's Daily Radio Department is devoted to the best interests of radio development and those thousands of persons interested in the science of radio.

In the Air Today.
WASHINGTON.
NAA—NAVAL RADIO STATION.
10:30 a. m. — Meteorological report on 5,950 meters of arc transmitter.
12 m. and 10 p. m. — Time signal, weather report, ship orders.
10:30 p. m. — Naval press news. Wavelength, 2,450 meters.
WXX—POSTOFFICE DEPARTMENT STATION.
10 a. m. — Weather report; 10:30 a. m., marketgram; both radiophone on 1,160 meters.
12:30 p. m. — Naval press news. Wavelength, 2,450 meters.
5 p. m. — C. W. telegraph marketgram on 1,360 meters.
7:30 p. m. and 8 p. m., radio marketgram; 9:50 p. m., weather report. All radiophone on 1,160 meters.
KDKA—PITTSBURGH.
300 Meters.
3 p. m. — Bradley's synopsis.
7:30 p. m. — Uncle Wiggily bedtime stories.
8 p. m. — Lecture by Pittsburgh business man.
8:30 p. m. — Fellow's Club Quartet; Mrs. Alfred C. Dunkle, concert soprano; Mrs. Archy Ritts, piano.
WJZ—NEWARK.
300 Meters.
7 p. m. — Fashion talk by Marjorie Wells, New York Evening World.
7:45 p. m. — "A Budget for Beauty," by Cora Van Norden Cosmopolitan, Hotel Plaza Beauty Parlor.
8 p. m. — "Contagion," by Dr. Chas. V. Craner, health officer, City of Newark.
8:15 p. m. — The opera "Martha" in English by Plotow, will be rendered in its entirety by the Bijou Opera Ensemble of New York and well-known throughout the East. The story of the opera will be given by J. Falk, director, who will also describe each one of the four acts, between the acts. The cast is as follows: Martha, Beulah Beuch, soprano; Nancy Belle Fromme, contralto; Lionel, Charles Floyd, tenor, and Trunket, Leo de Hieropila, baritone. Wm. J. Falk, director.
11 a. m. to 8 p. m. — Weather forecasts daily at 11 a. m., 12 m., 5 and 10:01 p. m. sharp.

Questions and Answers
Lead-in Wire.
Q.—What kind of insulated lead-in wire from antennae through wall can I use? I cannot use regular lead-in insulator.
A.—Steel-insulated wire will be all right for receiving purposes.
Insurance Demands.
Q.—Is there anything in insurance policies requiring a lightning switch in connection with a wireless receiver?
A.—The underwriters require a suitable switch be placed outside the house, so that the aerial can be grounded.
Aerial Wire.
Q.—Is aluminum as good as copper wire for an aerial?
A.—No; copper is best, but aluminum may be used.
Abbreviations Explained.
Q.—I often read the letters CW and ICW. What do they mean?
A.—CW refers to continuous wave telegraphy, and concerns the continuous train of high frequency waves radiated from an aerial where vacuum power tubes, high frequency alternators or arcs are used for the production of high frequency currents. Continuous wave telegraphy is the most efficient form of radio communication.
ICW means interrupted continuous wave telegraphy. It is rather difficult to explain in simple language the operation of continuous waves, especially with short wave transmission. For instance, where a wave length of 300 meters is being used, the frequency of the radiated currents is 1,000,000 per second. This frequency is far too high for any receiver to handle, and as it is not always possible to utilize the heterodyne or "beat" system of reception, the waves are modulated by an interrupting device which operates in a similar manner to the voice modulation of continuous waves in radio-telephony.
Such a device consists of a rotating "chopper" which interrupts or breaks the circuit at a rapid rate when the sending key is closed. Its speed can be varied, with the result that a wide range of musical notes can be obtained and reproduced at the receiving end.
Tickler Coil Queries.
Q.—What is a tickler, and what does it do?
A.—A tickler is an inductance coil inductively coupled to the secondary of the oscillation transformer and directly connected in the plate circuit of your vacuum tube detector. It "feeds back" into the oscillation transformer and thereby regenerates the incoming signals, building them up and amplifying them until they are considerably stronger than they would be without regeneration.
Q.—Does the so-called tickler coil in a regenerative circuit secure its regenerative effect in co-operation with the primary or secondary of a variocoupler?
A.—In co-operation with the secondary.
Q.—Would you recommend placing it between the primary and secondary, or outside the primary windings?
A.—Between primary and secondary.
Q.—Assuming a primary of a variocoupler with taps for varying inductance and a rotating secondary

Local Supply Store Exhibits Radio Sets
Radio equipment will be on exhibition daily at the Army and Navy Trading Company store, Eighth and D streets northwest. The exhibit is particularly interesting because it includes radio-telephones encased in helmets worn by aviators, and a motor-generator unit in a casing which resembles a torpedo. The exhibition will last two weeks.

Prominent Western Man Praises Tanlac


G. W. Logan, Peabody, Kansas

"Tanlac has completely restored my health and I feel firmer than in years," was the straightforward statement made recently by Mr. George W. Logan, of Peabody, Kansas, one of the most prominent stock-dealers in the Middle West.
"It has not only made a new man of me, but I have actually gained thirty-five pounds in weight and feel as well as I ever did in my life. I am telling all of my friends about Tanlac, but they can see for themselves what it has done in my case."
"When I began taking Tanlac I was in an awfully run-down condition. I was away off in weight, felt weak and nervous all of the time and couldn't take any interest in my work or anything else. My main trouble was indigestion.
Nothing seemed to agree with me. At times I would have dizzy spells, and at other times my back would ache so bad that I could hardly get up and down in my chair. This is just the condition I was in when I started to take this medicine. It took just six bottles to make a well man of me. I now have a fine appetite, everything tastes good, and my digestion is perfect.
"My wife was also troubled with indigestion at times, and it relieved her the same way. You may publish my statement wherever you like, and if anyone doubts it, just tell them to see me."
Tanlac is sold in Washington by People's Drug Stores and all leading druggists.

REP. OTIS BLAND WILL RUN AGAIN
FREDERICKSBURG, Va., March 24.—Representative B. Otis Bland, of Newport News, declares that he will be a candidate for re-election from this, the First Congressional district. It has been rumored that Mr. Bland was not inclined to again run for Congress, and there was speculation as to who would be his successor. Mr. Bland says: "I have absolutely no idea where such a rumor originated. It is entirely without foundation. I do expect to be a candidate for re-election."
Face Stamp Shortage.
Threatened by a stamp shortage the District Commissioners yesterday issued an order requesting the public to put a 2-cent stamp in any letter addressed to the District government asking for bills to be sent them or receipts bills returned.

LOEW'S COLUMBIA
Continuous 10:30 A. M.—11 P. M.
LAST TIMES TODAY
Metro Presents
"TURN TO THE RIGHT"
Rees Ingram's great picture-story that stages success by Winchell Smith and John Hazzard.
Beginning Tomorrow
GEORGE BEBAN
WITH HELENE SULLIVAN ALL IN PERSON
IN **"THE SIGN OF THE ROSE"**
The season's supreme picture-story that stages success by Winchell Smith and John Hazzard.
Beginning Tomorrow
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In Mack Sennett's splendid romantic comedy, based on the story of a modern Cinderella.
"MOLLY O"
Beginning Tomorrow
"AT THE STAGE DOOR"
A story of old New York with "Billie" Dove and Willie Collier, Jr.


LOCAL DRUG STORE SELLS RADIO SETS
The story in yesterday's Herald about department stores selling radio sets was so new the store clerks cleaned their first information from The Herald account. But new developments occur almost too fast for publication in a daily paper; the news is old stuff when it first appears in print.
At Christiani's drug store, Ninth and Avenue, last night a group of interested men and women considered radio sets over the same counter where yesterday nothing was for sale except the usual drug store articles, such as soap, medicine and hair brushes.
Through a Magnavox connected to the store, a radiophone set just installed, came Al Johnson's voice in "Too Hoo" from far-off Newark, after which the loop aerial was turned a bit so that Norman S. Stamm in Pittsburgh would have his say on the "Junior Civic Club and Its Aim." Another turn of the loop and all heard Mr. F. F. the Annapolis Naval Radio Station, send music, then a lecture by a member of the United States Health Service. The program lasted more than two hours.
The soda-fountain clerk was overworked. The place resembled a German beer garden—people drinking light beverages and listening to music. It sounded too good to leave, so orders were taken by store clerks for the delivery of radio sets to homes. These orders cannot be filled at once because sets are not manufactured that fast, but until the sets arrive as many as can conveniently gather will be entertained at the store almost any evening and during several hours of the day. The night trade in this drug store will be on the increase. Other drug stores are contemplating the installation of radio sets.
Thus ends one more episode in the rapid development of radio activity in the Capital City.

New Book on Radio Ready for Operators
The Government Printing Office at Washington has just issued an elementary book on radio communication. This book is The Principles Underlying Radio Communication Signal Corps Radio Communication Pamphlet No. 40, second edition. The first edition was prepared during 1918 at the Bureau of Standards at the request of the Signal Corps for use as a textbook in training enlisted men of the Signal Corps for radio service. The revised edition has also been prepared at the Bureau of Standards, and has been considerably increased in size. Some obsolete material appearing in the first edition has been replaced, and considerable new material has been added. There is new material on batteries, ordinary wire telegraphy and telephony, line radio communication, transformers, antennas including coil antennas and direction finders, transmitting apparatus, particularly arc converters, electron tubes and electron tube apparatus, a plate supply, and radio telephony. Numerous circuit diagrams are given. The construction of antennae and ground connections are described, and other useful practical information is given. The book also contains a table of dielectric constants, copper-wire tables, wave-length tables, and the international code, safety precautions for radio stations, information regarding radio laws and regulations, and regarding radio publications, including government publications. A complete index has been added. The revised edition contains 112 pages and more than 200 illustrations, maps, or other graphics. The book is durably bound in fabricoid.
The first chapter deals with elementary electrical principles, the second dynamo-electric machinery, and four other chapters deal with radio principles and practice and discuss the construction and operation of the important types of radio transmitting and receiving apparatus. The book assumes that the reader has at least the major part of a high school course, but does not assume a knowledge of mathematics beyond algebra. It is a study of this book a person having some general familiarity with electricity can acquire a good foundation in the principles of radio communication.
A copy of the revised edition can be purchased for \$1 from the superintendent of documents, Government Printing Office, Washington, D. C. This price includes postage in the United States and its possessions, and in Canada, Mexico, Central America, and the West Indies. For other countries an extra allowance of 25 cents should be made for postage.

CRANDALL'S METROPOLITAN
LAST DAY
A TRIUMPH!

NORMA TALMADGE
At her brilliant best in First National's Production of Anthony Paul Kelly's Film Version of Andrew Souther's novel, "The Principle."
LOVE'S REDEMPTION
5-ADDED ATTRACTIONS-5

SHUBERT Vaudeville Belasco Theater
Opposite Lafayette Park and White House
2:15 & 8:15 p. m.; Sunday, 3 & 8:15 p. m.
"PINS & NEEDLES"
A LONDON FOLLIES WITH **EDITH KELLY GOULD**
And a Host of London's Greatest Revue Stars including:
MAISIE GAY, JIMMY NERVO AND TEDDY KNOX
As Well As a Score of FAMOUS GAITY GIRLS, England's Finest Charmers. In Conjunction With Shubert Vaudeville
MAIE ANN COBDE, Rome and Helen and Mabel Johnson—Shubert News Weekly.
BARGAIN MATINEES
Best seats in the house (except on Saturday, Sunday & holidays). Nights, 25¢-50¢. Matinees, 15¢-25¢.
Beginning Sunday—Charles F. Hall and His Band, Maeson, Keeler Co., and Other Star Acts.

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AMUSEMENTS. AN OPEN LETTER TO THE PUBLIC
IT IS WITH A FEELING OF GREAT SATISFACTION THAT I HAVE TO ANNOUNCE THE SUCCESSFUL CULMINATION OF LONG AND PERSISTENT EFFORTS TO OBTAIN FOR THE RIALTO RECOGNITION FROM THE FOREMOST PRODUCERS IN THE WORLD, EXPRESSED IN THE RIGHT TO STAGE THE CLASS OF PHOTODRAMA FORMERLY EXHIBITED AT PRICES UP TO \$2.00.
IT WAS MY PROPHECY IN THE PRESS MANY YEARS AGO, THAT GREAT SILENT DRAMAS WOULD HOLD SWAY OVER ALL OTHER CLASSES OF ENTERTAINMENT AND THE RIALTO INVESTMENT WAS MADE WITH THE HOPE OF HOUSING PRODUCTIONS OF SUCH CHARACTER.
OUR BIDS FOR THE WORLD'S BEST HAVE BEEN THE HIGHEST. OUR PRESENTATIONS THE MOST ARTISTIC. OUR ORCHESTRA HAS NO RIVAL IN THIS COMMUNITY. OUR APPOINTMENTS FOR THE COMFORT OF PATRONS, THE BEST—THEREFORE TOMORROW WITH
"ORPHANS OF THE STORM"
D. W. GRIFFITH'S GREATEST
THE **RIALTO**
COMES INTO ITS OWN
TOM MOORE
—NOTE—
PERSONAL APPEARANCE
OF MR. GRIFFITH SUNDAY NIGHT AND THE MISSES LILLIAN AND DOROTHY GISH
MONDAY AND TUESDAY—MATINEE AND EVENING
ADVANCE SALE NOW ALL SEATS RESERVED

AMUSEMENTS. LOEW'S COLUMBIA
Continuous 10:30 A. M.—11 P. M.
LAST TIMES TODAY
Metro Presents
"TURN TO THE RIGHT"
Rees Ingram's great picture-story that stages success by Winchell Smith and John Hazzard.
Beginning Tomorrow
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WITH HELENE SULLIVAN ALL IN PERSON
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Beginning Tomorrow
"AT THE STAGE DOOR"
A story of old New York with "Billie" Dove and Willie Collier, Jr.

CRANDALL'S METROPOLITAN
F ST. AT TENTH
BEGINNING TOMORROW AT 3 P. M.
FIRST NATIONAL PRESENTS VITAGRAPH OFFERS

ANITA STEWART
In Her Most Sumptuous Production of a Unique Film Play
HER MAD BARGAIN
OVERTURE—"MARITANA" (Wallace) N. Minsky, Conducting
WASHINGTON'S FINEST ORCHESTRA
PATHE NEWS—POLYCHROME SCENIC—TOPICS OF THE DAY
MILTON DAVIS—CARL HINNANT
In Joint Pipe Organ and Piano Jazz With "The Shop"

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